

# Parent Guide

## How can I use this with my children?

Children in year 6 may be asked to solve problems involving more than one operation. BODMAS is an acronym that helps them to remember in what order they should work them out. Use these cards to practise together.

## How does this help my children's learning?

These cards increase in difficulty as they go along, allowing your child to work at an appropriate level of challenge. They are a good way of practising and consolidating knowledge of this concept.



## What Is BODMAS?

BODMAS is an acronym used to help you remember what order to carry out mathematical calculations when faced with a number sentence which includes multiple operations, for example,  $4^2 \times (3 + 2)$ .

Each letter stands for a mathematical operation in the order it should be carried out:

### Brackets

Carry out the calculation inside the brackets first.

### Orders

Orders are powers (small numbers written next to larger numbers) or square roots which 'order' you to do something. For example,  $3^2 = 3 \times 3 = 9$  or  $\sqrt{36} =$  the square root of  $36 = 6$ . Work these out next.

### Division

Then carry out any division calculations.

### Multiplication

Calculate any multiplication calculations.

### Addition

Next look for addition calculations.

### Subtraction

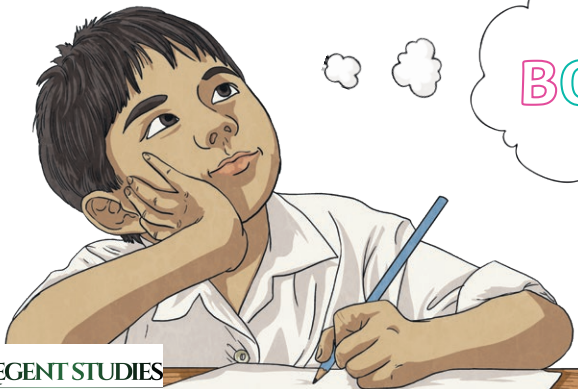
Finally, carry out any subtraction calculations.

It may be that a number sentence contains just some of these calculations. You can use BODMAS to help you remember what order the calculations should be carried out in.

What Is BODMAS?

Complete the following calculation:

$$159 \times 3 - (693 - 284) =$$

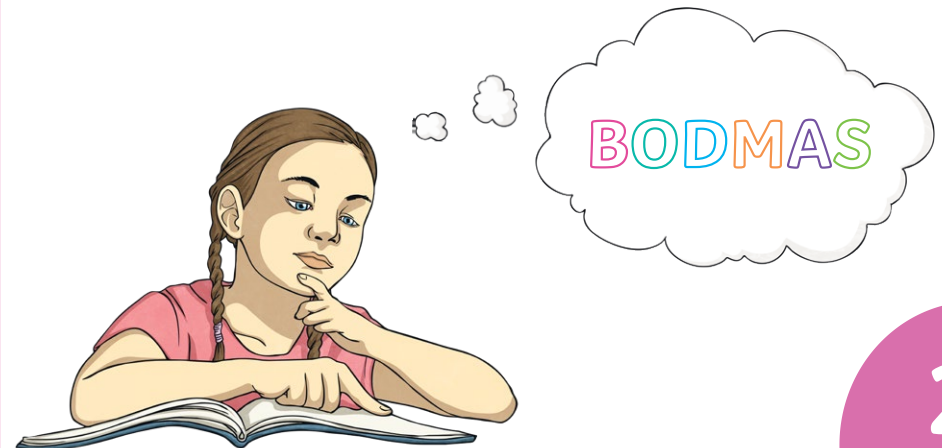


1

What Is BODMAS?

Complete the following calculation:

$$24\ 000 \div 60 - 254 =$$

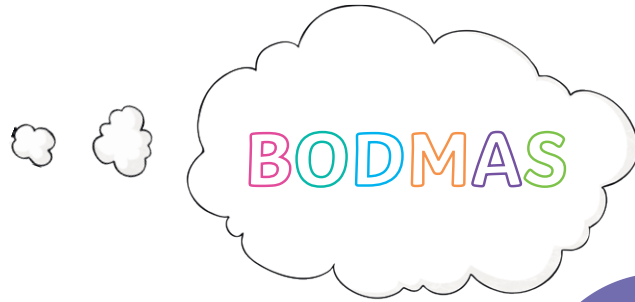


2

What Is BODMAS?

Complete the following calculation:

$$693 \div 3 \times 2 \times 4 =$$



3

What Is BODMAS?

Complete the following calculation:

$$5935 - 3145 - (583 + 392) =$$



4

What Is BODMAS?

Complete the following calculation, adding any missing brackets:

$$245 \times 4 - 1039 - 593 =$$

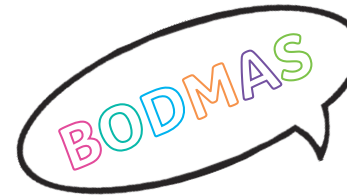


5

What Is BODMAS?

Complete the following calculation:

$$29\,400 \div 70 - 319 =$$



6

What Is BODMAS?

Complete the following calculation:

$$1524 \div 6 \times 2 \times 2.5 =$$



7

What Is BODMAS?

Complete the following calculation, adding any missing brackets:

$$12\ 867 - 8767 - 1274 + 976 =$$



8

What Is BODMAS?

Complete the following calculation:

$$9294 \div 12 - (241.5 + 468.6) =$$

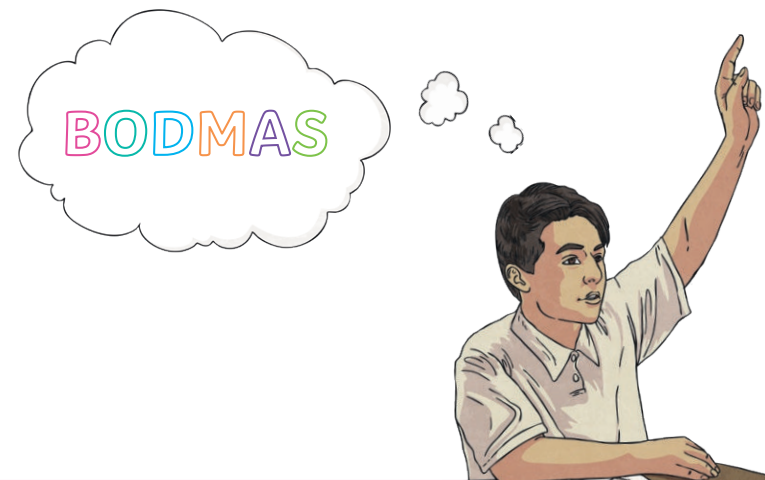


9

What Is BODMAS?

Complete the following calculation:

$$6943 + 73 \times 19 + 1800 \div 30 =$$



10

What Is BODMAS?

Card 1:  $159 \times 3 - (693 - 284) = \mathbf{68}$

Card 2:  $24\,000 \div 60 - 254 = \mathbf{146}$

Card 3:  $693 \div 3 \times 2 \times 4 = \mathbf{1848}$

Card 4:  $5935 - 3145 - (583 + 392) = \mathbf{1815}$

Card 5:  $245 \times 4 - (1039 - 593) = \mathbf{534}$

Card 6:  $29\,400 \div 70 - 319 = \mathbf{101}$

Card 7:  $1524 \div 6 \times 2 \times 2.5 = \mathbf{1270}$

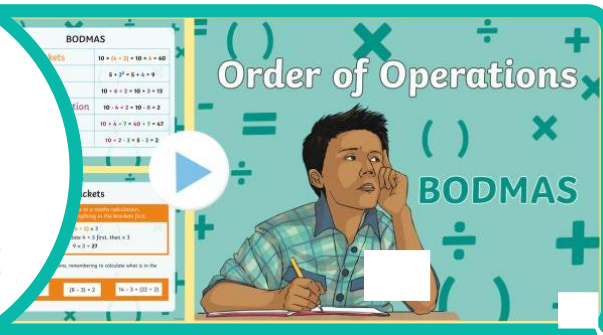
Card 8:  $12\,867 - 8767 - (1274 + 976) = \mathbf{1850}$

Card 9:  $9294 \div 12 - (241.5 + 468.6) = \mathbf{64.4}$

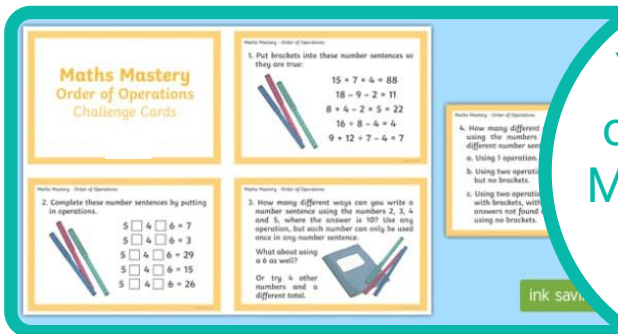
Card 10:  $6943 + 73 \times 19 + 1800 \div 30 = \mathbf{8390}$

If you enjoyed this resource, why not try...

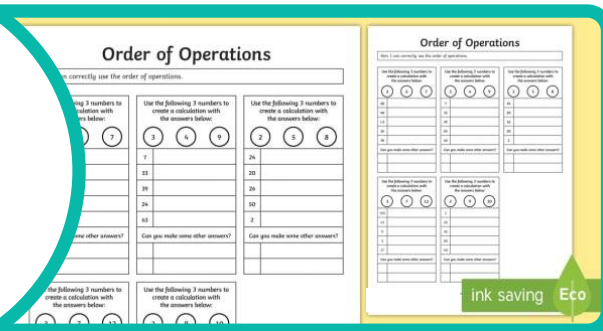
Order of Operations  
BODMAS  
PowerPoint



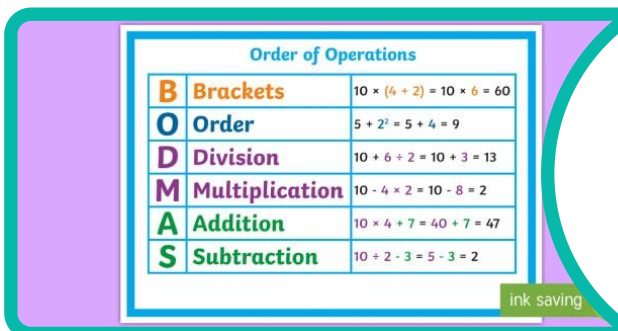
Year 6 Order of Operations  
Maths Mastery  
Challenge Cards



Order of Operations  
BODMAS  
Worksheet



Order of Operations  
BODMAS  
Poster



Explore and Discover More